

**SERIES:** TBP01R1-508 | **DESCRIPTION:** TERMINAL BLOCK**FEATURES**

- 2~24 poles
- horizontal orientation
- 5.08 mm pitch
- UL and CE safety approvals

**SPECIFICATIONS**

| parameter | conditions/description | min | typ | max | units |
|-----------------------------|---|-----|------|------|-------|
| rated voltage (per contact) | UL | | | 300 | V |
| | IEC | | | 320 | V |
| rated current (per contact) | UL | | | 16 | A |
| | IEC | | | 20 | A |
| withstanding voltage | | | 2500 | | Vac |
| surge voltage | | | | 4000 | V |
| contact resistance | | | | 20 | mΩ |
| insulation resistance | at 500 Vdc | 500 | | | MΩ |
| operating temperature | | -40 | | 105 | °C |
| safety approvals | UL 1059, EN 60998-1:2004, EN 60998-2-1:2004 | | | | |
| flammability rating | UL94V-0 | | | | |
| RoHS | yes | | | | |

SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for maximum 10 seconds | 345 | 350 | 355 | °C |
| wave soldering | for maximum 5 seconds | 255 | 260 | 265 | °C |

PART NUMBER KEY**TBP01R1-508 - XX XX**

Base Number

No. of Poles:

02 10 18
03 11 19
04 12 20
05 13 21
06 14 22
07 15 23
08 16 24
09 17

Color:

*BE = blue
GR = green
OR = orange
YL = yellow
GY = gray
BK = black

REVISION HISTORY

| rev. | description | date |
|------|-----------------------------------|------------|
| 1.0 | initial release | 03/27/2019 |
| 1.01 | brand update | 02/06/2020 |
| 1.02 | updated datasheet | 04/21/2020 |
| 1.03 | logo, datasheet style update | 08/15/2022 |
| 1.04 | CUI Devices rebranded to Same Sky | 09/12/2024 |

The revision history provided is for informational purposes only and is believed to be accurate.



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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